

**CLAIMS**

1. Gas burner (1; 101) for cookers, of the type fitted to a cooking  
hob (2), comprising a central body (3), having a first ring of  
flames (4), and at least one external body (107; 7, 8), fluidly  
5 separated from said central body and substantially concentric  
with it, having at least one second ring of flames (9, 10; 9a, 9b,  
10a, 10b), as well as means (5, 6, 29, 28, 33, 36; 11, 12, 25, 27, 32,  
13, 14, 24, 26, 34, 35) for separately feeding the mixture of  
primary air and gas to said central body and to said at least one  
10 external body, characterised in that said means for feeding the  
external body comprise at least one horizontal mixing chamber  
(11, 12, 25; 13, 14, 24) with a radial Venturi effect.
2. Burner according to claim 1, characterised in that it comprises  
one or more inlets (30) for the primary air located above the  
15 cooking hob (2), and means of fluid connection of said one or  
more primary air inlets with said means for separately feeding  
the mixture of primary air and gas to said central body and to  
said at least one external body.
3. Burner according to claim 1 or 2, characterised in that said  
20 means of fluid connection define a single circuit supplying  
primary air to said means for separately feeding the mixture of  
primary air and gas.
4. Burner according to claim 1, 2 or 3, wherein said means for  
feeding said central body comprise a horizontal mixing  
25 chamber (5, 6, 29) with a radial Venturi effect.
5. Burner according to claim 1 or 4, wherein said horizontal mixing  
chamber with a radial Venturi effect of said means for feeding  
said at least one external body and/or of said means for  
feeding the central body are obtained in said at least one

external body and/or in said central body.

- 5 6. Burner according to any one of the previous claims, characterised in that said means for feeding said at least one external body comprise two or more horizontal mixing chambers (11, 12, 25; 13, 14, 24) with a radial Venturi effect.
7. Burner according to claim 6, characterised in that it comprises two or more external circumferential bodies (7, 8), fluidly separated, each one of which comprises a horizontal mixing chamber (11, 12, 25; 13, 14, 24) with a radial Venturi effect.
- 10 8. Burner according to any one of the previous claims, characterised in that said at least one external body comprises two concentric rings of flames (9a, 9b; 10a, 10b), one placed externally (9a, 9b), the other internally (10a, 10b) in front of the ring of flames (4) of said central body.
- 15 9. Burner according to any one of the previous claims, characterised in that it comprises a top covering element (19) of said at least one external body, the upper wall (24; 25) of said at least one horizontal mixing chamber with a radial Venturi effect of the means for feeding said at least one external body coinciding with a lower wall of said covering element.
- 20 10. Burner according to any one of the previous claims, characterised in that it comprises a top covering element (18) of said central body, the upper wall (29) of said at least one horizontal mixing chamber with a radial Venturi effect of the means for feeding the central body coinciding with a lower wall of said covering element.
- 25 11. Burner according to any one of the previous claims, wherein said means for separately feeding the mixture of primary air and gas to said central body and to said at least one external body

are respectively actuated by separate taps.

12. Burner according to any one of the previous claims, characterised in that the internal profile of said at least one external body presents, in plan, one or more cavities.

5 13. Burner according to any one of the previous claims, characterised in that said at least one external body (107; 7, 8) and said central body (3) are made in a single piece.